

Title (en)

CONTROL OF DISCOVERY SIGNAL TRANSMISSION BETWEEN USER EQUIPMENT

Title (de)

STEUERUNG DER ENTDECKUNGSSIGNALÜBERTRAGUNG ZWISCHEN BENUTZERGERÄTEN

Title (fr)

COMMANDE DE TRANSMISSION DE SIGNAL DE DÉCOUVERTE ENTRE ÉQUIPEMENTS UTILISATEUR

Publication

EP 4079045 A4 20230816 (EN)

Application

EP 19956641 A 20191220

Priority

CN 2019126864 W 20191220

Abstract (en)

[origin: WO2021120144A1] Aspects of the disclosure relate to control of discovery signal transmissions for D2D communication. A first UE may transmit a discovery signal initiation message to at least a second UE to control transmission of a discovery signal from the second UE to a third UE. The second UE may identify a discovery signal monitoring duration of the second UE during which the second UE monitors for transmitted discovery signals transmitted from other UEs to the third UE. At expiration of the discovery signal monitoring duration, the second UE may transmit a discovery signal to the third UE when the number of transmitted discovery signals transmitted from the other UEs during the discovery signal monitoring duration is less than a discovery signal transmission number threshold.

IPC 8 full level

H04W 40/22 (2009.01); **H04W 40/24** (2009.01); **H04W 76/23** (2018.01)

CPC (source: EP US)

H04W 40/22 (2013.01 - EP); **H04W 40/244** (2013.01 - EP); **H04W 40/246** (2013.01 - EP US); **H04W 76/23** (2018.01 - EP); **H04W 76/14** (2018.01 - US); **H04W 88/04** (2013.01 - US)

Citation (search report)

- [A] US 2015230180 A1 20150813 - LIM CHIWOO [KR], et al
- [A] SONY: "Relay Measurements and Selection/Reselection", vol. RAN WG2, no. Beijing, China; 20150824 - 20150828, 23 August 2015 (2015-08-23), XP051003935, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN2/Docs/> [retrieved on 20150823]
- [A] ZTE: "Discussions on Relay UE selection and discovery", vol. RAN WG1, no. Fukuoka, Japan; 20150525 - 20150529, 24 May 2015 (2015-05-24), XP050972166, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20150524]
- See references of WO 2021120144A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2021120144 A1 20210624; CN 114788354 A 20220722; EP 4079045 A1 20221026; EP 4079045 A4 20230816; US 2023020567 A1 20230119

DOCDB simple family (application)

CN 2019126864 W 20191220; CN 201980102963 A 20191220; EP 19956641 A 20191220; US 201917785388 A 20191220